a plurality of student terminals, each including a microprocessor, input means for inputting information, [processing unit, a keyboard,] and a display, for receiving said student tasks [sequences of input] from said central computer [computing unit], for executing said student tasks [input under control of the] by students to provide said responses, for transmitting said responses to said central computer [computing unit], and for providing feedback to the students;

network means for transmitting data [information] between said central computer [computing unit] and said plurality of student terminals, said data [information] including said student tasks [sequences of input] and said responses;

a communication protocol, associated with said central computer [computing unit], said network means, and said plurality of student terminals, for transmitting said [command] data between [from] said central computer and [computing unit to] said plurality of student terminals, for downloading of ones of said student tasks [programs] from said central computer [computing unit] to said plurality of student terminals, and for transmitting said responses from said plurality of student terminals to said central computer [computing unit];

activation means, associated with said central computer [computing unit], said plurality of student terminals, said network means, said communication protocol, and said individual classroom programs, for allowing the teacher to initiate and terminate said

student tasks on said interactive electronic classroom system, [said tasks being associated with said sequences of input], such that each of said plurality of student terminals provides said responses to said student tasks [sequences of input] at a pace that is under the control of the teacher, with said responses being transmitted to and monitored by said central computer [computing unit];

viewing and analyzing [information] means for viewing and analyzing said responses; and

electronic display means for displaying information, by the teacher to the students.

2. (Amended) A system as claimed in claim 1, wherein said activation means further comprises means for pacing [providing said responses to] said student tasks [sequences of input] at a pace that is under the control of both the teacher and each of the students.

3. (Amended) A system as claimed in claim 1, wherein said activation means further comprises means for [specifying] enabling a teacher to specify a time duration for provision of said responses to ones of said student tasks.

4. (Amended) A system as claimed in claim 1, wherein ones of said classroom programs comprise [further comprising control program] means for enabling the teacher, during a class, to select, retrieve, and use said sequences of input.

5. (Amended) A system as claimed in claim 4, wherein said ones of said classroom programs comprise means for enabling [control program means enables] selection, retrieval, and use of a subset of any of said sequences of input.

6. (Amended) A system as claimed in claim [4] 1, wherein said ones of said classroom programs further comprise [control program means further comprises] means for enabling the teacher, during a class, to enter, in real time, a new sequence of input.

7. (Amended) A system as claimed in claim 1, wherein said viewing and analyzing [information] means further comprises means for viewing and analyzing said responses to said student tasks which were previously executed [previously prepared ones of said sequences of input].

8. (Amended) A system as claimed in claim 1, wherein said communication protocol [transmits] allows transmission of said [command] data [and downloads said ones of said programs from] between said central [computing unit to] computer and said plurality of student terminals, both selectively and collectively, and among said plurality of student terminals themselves, both selectively and collectively.

Please cancel claims 11, 12, and 13 without prejudice or disclaimer.

Claim 14, line 2, change "information" to --viewing and analyzing--.

12 15. (Amended) A system as claimed in claim 1, wherein said [information] viewing and analyzing means includes means for viewing and analyzing [questions] responses to said student tasks in accordance with [question type] the type of student task.

Claim 20, line 1, delete "control";

line 2, delete "language" and insert --activation--.

20 23. (Amended) A system as claimed in claim 1, wherein said central [computing unit] computer comprises one of a personal computer and a workstation [selected from the group consisting of an IBM PC, an IBM PC-XT, an IBM PC-AT, a computer compatible with at least one of the IBM PC, IBM PC-XT, and IBM PC-AT, an IBM PS/2, an Apple II series computer, an Apple MacIntosh series computer, a NeXT computer, a Sun computer, an Apollo computer, and a Digital Equipment Corporation (DEC) computer].

Please cancel claim 24 without prejudice or disclaimer.

21 25. (Amended) A system as claimed in claim 1, further comprising means for transmitting prerecorded video information to said electronic display means under control of the teacher for viewing by said students.

22 26. (Amended) A system as claimed in claim 1, wherein said network means comprises a local area network (LAN) [selected from the group consisting of Ethernet (tm), Appletalk (tm), Arcnet (tm), Novell, and IBM Token Ring].

Claim 27, line 1, delete "sequences";

line 2, delete "of input" and insert --student tasks--.

Claim 29, line 2, before "data" insert --said--;

line 3, change "computing unit" to --computer--.

Claim 30, line 2, before "data" insert --said--;

line 3, change "computing unit" to --computer--.

Claim 31, line 2, before "data" insert --said--;

line 3, change "computing unit" to --computer--.

~~32~~ 32. (Amended) A system as claimed in claim 1, wherein said activation means allows each of said plurality of student terminals to receive and respond to said student tasks [sequences of input] at each student's own pace.

~~33~~ 29. (Amended) A system as claimed in claim 1, wherein said activation means allows all [each of] said plurality of student terminals to receive and respond to said student tasks within time limits set by the teacher [sequences of input in lockstep with all others of said plurality of student terminals].

~~34~~ 30. (Amended) A system as claimed in claim 1, wherein said activation means allows all [one] of said plurality of student terminals within a selected subset, consisting of fewer than all of said plurality of student terminals, to receive and respond to said student tasks within time limits set by the teacher [sequences of input in lockstep with all others of said plurality of student terminals within said selected subset].

B 31 ~~35~~. (Amended) A system as claimed in claim ~~34~~ 1, wherein said activation means allows selected subsets [all] of said plurality of student terminals, each of said selected subsets consisting of fewer than all of said plurality of student terminals, [within said selected subset] to receive and respond to said student tasks within time limits set by the teacher [sequences of input in lockstep with other selected subsets].

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[Please add the following new claims:]

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--~~37~~. A system as claimed in claim 3, wherein said activation means further comprises means for changing said time duration.

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--~~38~~. A system as claimed in claim 1, wherein said sequences of input include at least one predetermined time duration for provision of said responses.

35
--~~39~~. A system as claimed in claim 1, wherein said sequences of input are input to said central computer via devices compiled from the group consisting of a keyboard, pointing device, floppy disk, hard disk, optical disk, modem, and computer network.

36
--~~40~~. A system as claimed in claim 1, wherein said sequences of input are compiled from the group consisting of said student tasks, student task descriptions, student task time limits, computer programs, enhanced viewing and analyzing tools for specific student tasks, graphic images, and video and audio sequences.

--~~41~~ 37. A system as claimed in claim 1, wherein at least one of said student terminals includes means for providing narrative responses to said student tasks.

--~~42~~ 38. A system as claimed in claim 1, wherein said viewing and analyzing means includes means for viewing and analyzing responses to said student tasks outside class on a separate computer that is separate from remaining elements of said interactive electronic classroom system.

--~~43~~ 39. A system as claimed in claim ~~42~~ 38, further comprising additional networking means for networking said separate computer to said central computer.

--~~44~~ 40. A system as claimed in claim 1, wherein at least one of said student terminals is portable and comprises means for performing at least one function selected from the group consisting of computer, calculator, organizer, appointment diary, typewriter, phone directory, alarm clock, thesaurus, and dictionary.

--~~45~~ 41. A system as claimed in claim 1, wherein ones of said student tasks include programs, executing on said student terminals, for providing local analyses of said responses and for providing individual instructions and feedback to the students.

--~~46~~ 42. A system as claimed in claim 1, wherein said data transmitted by said network means under said communication protocol includes said information for display by said electronic display means.

43
--~~47~~. A system as claimed in claim 1, wherein said network means includes means for transmitting said data by electromagnetic waves.

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--~~48~~. A system as claimed in claim ~~34~~, wherein said activation means allows ones of said plurality of student terminals, other than those in said selected subset, to receive and respond to said student tasks at each respective student's own pace.

45 31
--~~49~~. A system as claimed in claim ~~35~~, wherein said activation means allows ones of said plurality of student terminals other than those in said selected subsets to receive and respond to said student tasks at each respective student's own pace.

46
--~~50~~. A system as claimed in claim 1, wherein said electronic display means comprises means for enabling display of said information, by the teacher to the students, at the display at each of said plurality of student terminals.

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--~~51~~. A system as claimed in claim 1, wherein said electronic display means comprises means for playing segments of prerecorded video and audio information under control of said central computer, said segments being selected in accordance with said sequences of input and said responses.

48 24
--~~52~~. A system as claimed in claim ~~28~~, further comprising means for enabling at least one microprocessor from said plurality of student terminals to act as a microcontroller with said network controller.